

M A T E R I A L S A F E T Y D A T A S H E E T P A G E : 1
DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400

EFFECTIVE DATE: 15 JUN 81

PRODUCT CODE: 16822

PRODUCT NAME: CHLOROTHENE (R) VG SOLVENT

MSD: 0110

INGREDIENTS (TYPICAL VALUES-NOT SPECIFICATIONS)

: X :

1,1,1-TRICHLOROETHANE (NOMINAL)

: 95.8 :

SECTION 1

PHYSICAL DATA

BOILING POINT: 165F (74C) : SOL. IN WATER: 0.07G/100G @ 25C
VAP PRESS: 100 MMHG @ 20C : SP. GRAVITY: 1.320 @ 25/25C
VAP DENSITY (AIR=1): 4.55 : % VOLATILE BY VOL: 100 (ESSEN.)
APPEARANCE AND ODOR: COLORLESS LIQUID.

SECTION 2

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE : FLAMMABLE LIMITS (STP IN AIR)
METHOD USED: T.O.C., T.C.C., C.O.C. : LFL: 7.5% @ 25C UFL: 15% @ 25C
EXTINGUISHING MEDIA: WATER FOG.
SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: SELF-CONTAINED
RESPIRATORY EQUIPMENT. NOT CONSIDERED A FLAMMABLE LIQUID HAZARD
UNDER AMBIENT TEMPERATURE USE CONDITIONS.

SECTION 3

REACTIVITY DATA

STABILITY: AVOID OPEN FLAMES, WELDING ARCS OR OTHER HIGH
TEMPERATURE SOURCES WHICH INDUCE THERMAL DECOMPOSITION.
INCOMPATIBILITY: WATER - SLOW HYDROLYSIS PRODUCES CORROSIVE ACID.
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE AND VERY SMALL
AMOUNTS OF PHOSGENE AND CHLORINE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 4

SPILL, LEAK, AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT): SMALL LEAKS:
MOP UP, WIPE UP OR SOAK IMMEDIATELY. REMOVE TO OUT OF DOORS. LARGE
SPILLS: EVACUATE AREA. CONTAIN LIQUID; TRANSFER TO CLOSED METAL
CONTAINERS. KEEP OUT OF WATER SUPPLIES.
DISPOSAL METHOD: (IN ORDER OF PREFERENCE) SEND SOLVENT TO LICENSED RECLAIMER,
INCINERATION, EVAPORATION OF VERY SMALL QUANTITIES, OR APPROVED LANDFILL
BURIAL IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DUMPING
INTO SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER IS STRONGLY
DISCOURAGED, AND MAY BE ILLEGAL.

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